

# Order of Operations

The interface features a top toolbar with four buttons: 'Edit', 'Check', 'Reset', and 'Solve'. A circular help icon with a question mark is located in the top right corner. Below the toolbar, a list of four rules is displayed in colored boxes:

- Add and Subtract from left to right
- Groupings
- Multiply and Divide from left to right
- Exponents

Solve:

$$8 \div 2 - 3 \times 4 + 6$$

Step 1 - there are no groupings

Step 2 - there are no exponents

Step 3 - there is multiplication and division

Solution:

$$8 \div 2 = 4$$

$$3 \times 4 = 12$$

This takes care of the multiplication and division

Now we add and subtract

$$8 \div 2 = 4$$

$$3 \times 4 = 12$$

$$4 - 12 + 6$$

$$-8 + 6 = -2$$

Put the pieces together:

$$8 \div 2 - 3 \times 4 + 6 =$$

$$4 - 12 + 6 =$$

$$-8 + 6 = -2$$

Done

## Process Steps

- 1.) Look for groupings/parenthesis
- 2.) Look for exponents
- 3.) Multiply and divide from left to right
- 4.) Add and subtract from left to right.

Edit

Check

Reset

Solve

?

Expressions	Solutions
<div>14</div> <div><math>(2+5) \times (4-2)</math></div>	<div>-8</div> <div><math>4-6 \times 2</math></div>
<div>3</div> <div><math>18/3+(5-8)</math></div>	<div>20</div> <div><math>2+6 \times 3</math></div>